Teacher Appointment Criteria
Math 21300 – Finite Mathematics I

**Statement of Intent**
This document is intended to be a planning and advising resource for the approved instructor and the IPFW Math Department Representative who mentors and supervises the instructor.

Finite Mathematics I include the topics of basic logic, set theory, elementary probability, Markov chains, vectors, matrices, linear systems, and elementary graph theory. These topics provide application to finite models in the managerial, social, life sciences, and computer science. Students enrolling into this course must be Honor level students.

**Requirements**
1. Any instructor who teaches this course must first be certified by the Department of Mathematics at IPFW by meeting minimum qualifications, following an interview. Specifically, the instructor must possess at least a Master’s-level degree in Mathematics, or another area with at least 18 graduate hours in Mathematics completed, and at least three years’ experience teaching the course at the secondary or college level.
2. The instructor is expected to develop a syllabus which meets the goals and outcomes of MA 21300 which have been established by the Department of Mathematics at IPFW.
3. The Department of Mathematics reserves the right and holds the responsibility to periodically review and evaluate MA 21300 courses taught in the high school.